



# Intercellular adhesion molecule-1 (ICAM-1)

1  
Asn Ala Gln Thr Ser Val Ser Pro Ser Lys

10  
Val Ile Leu Pro Arg Gly Gly Ser Val Leu  
| ..... 94 ---->

20  
Val Thr Cys Ser Thr Ser Cys Asp Gln Pro

30  
Lys Leu Leu Gly Ile Glu Thr Pro Leu Pro

40  
Lys Lys Glu Leu Leu Leu Pro Gly Asn Asn  
..... | ..... 94&96 -----

50  
Arg Lys Val Tyr Glu Leu Ser Asn Val Gln  
-->| ..... (25k) --91&115&142&147 ---

60  
Glu Asp Ser Gln Pro Met Cys Tyr Ser Asn  
-----

70  
Cys Pro Asp Gly Gln Ser Thr Ala Lys Thr  
--- ..... >

80  
Phe Leu Thr Val Tyr Trp Thr Pro Glu Arg

FIG. 1A

90  
Val Glu Leu Ala Pro Leu Pro Ser Trp Gln

100  
Pro Val Gly Lys Asn Leu Thr Leu Arg Cys

110  
Gln Val Glu Gly Gly Ala Pro Arg Ala Asn

120  
Leu Thr Val Val Leu Leu Arg Gly Glu Lys  
...

130  
Glu Leu Lys Arg Glu Pro Ala Val Gly Glu  
|    - - - - - (34k) --103&114&121&135 ----

140  
Pro Ala Glu Val Thr Thr Thr Val Leu Val  
----- (xx) -----

150  
Arg Arg Asp His His Gly Ala Asn Phe Ser  
.....>

160  
Cys Arg Thr Glu Leu Asp Leu Arg Pro Gln

170  
Gly Leu Glu Leu Phe Glu Asn Thr Ser Ala

**FIG. 1B**

180  
Pro Tyr Gln Leu Gln Thr Phe Val Leu Pro

190  
Ala Thr Pro Pro Gln Leu Val Ser Pro Arg  
...

200  
Val Leu Glu Val Asp Thr Gln Gly Thr Val  
| (x) ----- (50k) -- 110 -----

210  
Val Cys Ser Leu Asp Gly Leu Phe Pro Val  
-----

220  
Ser Glu Ala Gln Val His Leu Ala Leu Gly  
.....>

230  
Asp Gln Arg Leu Asn Pro Thr Val Thr Tyr

240  
Gly Asn Asp Ser Phe Ser Ala Lys Ala Ser

250  
Val Ser Val Thr Ala Glu Asp Glu Gly Thr

260  
Gln Arg Leu Thr Cys Ala Val Ile Leu Gly

**FIG. 1C**



270  
Asn Gln Ser Gln Glu Thr Leu Gln Thr Val

280  
Thr Ile Tyr Ser Phe Pro Ala Pro Asn Val

290  
Ile Leu Thr Lys Pro Glu Val Ser Glu Gly

300  
Thr Glu Val Thr Val Lys Cys Glu Ala His

310  
Pro Arg Ala Lys Val Thr Leu Asn Gly Val

320  
Pro Ala Gln Pro Leu Gly Pro Arg Ala Gln

330  
Leu Leu Leu Lys Ala Thr Pro Glu Asp Asn

340  
Gly Arg Ser Phe Ser Cys Ser Ala Thr Leu

350  
Glu Val Ala Gly Gln Leu Ile His Lys Asn

**FIG. 1D**



360  
Gln Thr Arg Glu Leu Arg Val Leu Tyr Gly

370  
Pro Arg Leu Asp Glu Arg Asp Cys Pro Gly

380  
Asn Trp Thr Trp Pro Glu Asn Ser Gln Gln

390  
Thr Pro Met Cys Gln Ala Trp Gly Asn Pro

400  
Leu Pro Glu Leu Lys Cys Leu Lys Asp Gly  
.....|.....

410  
Thr Phe Pro Leu Pro Ile Gly Glu Ser Val  
.....97&46.....

420                      425  
Thr Val Thr Arg Asp Leu Glu Gly Thr Tyr  
-----

430  
Leu Cys Arg Ala Arg Ser Thr Gln Gly Glu  
---(xx)----->

440  
Val Thr Arg Glu Val Thr Val Asn Val Leu

FIG. 1E



450  
Ser Pro Arg Tyr Glu Ile Val Ile Ile Thr

460  
Val Val Ala Ala Ala Val Ile Met Gly Thr

470  
Ala Gly Leu Ser Thr Tyr Leu Tyr Asn Arg

480  
Gln Arg Lys Ile Lys Lys Tyr Arg Leu Gln  
.....|..... 96 ---  
.....|..... 94 ---

490  
Gln Ala Gln Lys Gly Thr Pro Met Lys Pro  
----->|..... 91&142 -----  
----->

500  
Asn Thr Gln Ala Thr Pro Pro  
----->

FIG. 1F

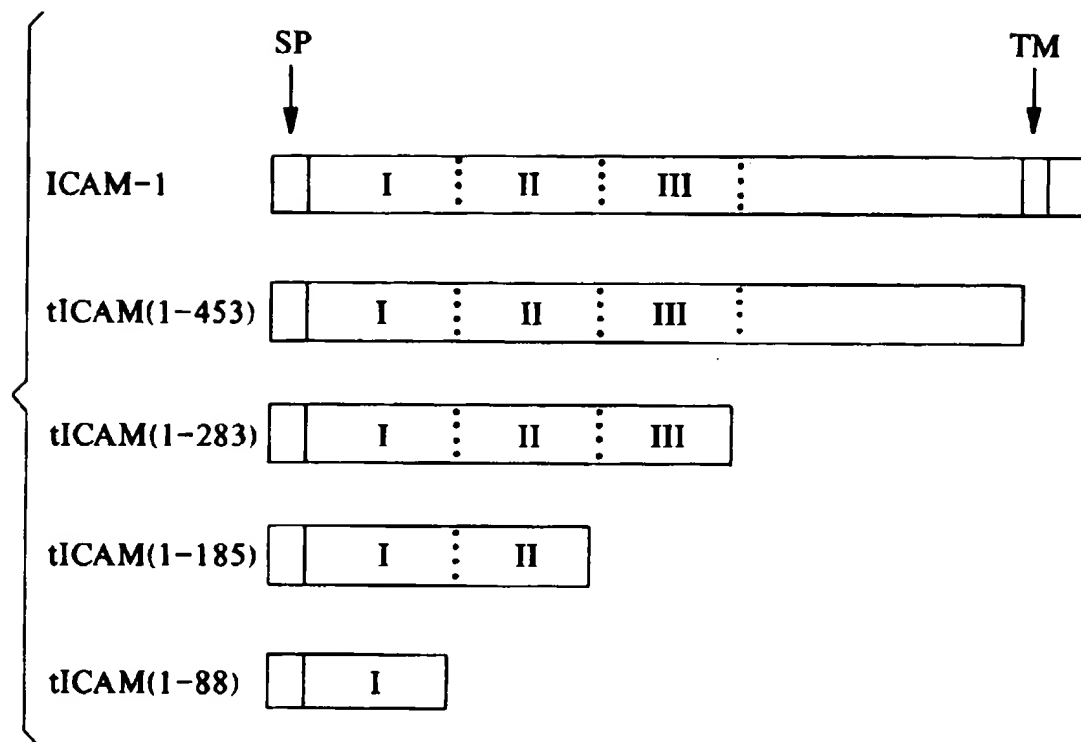


FIG. 2